



8165 E. Kaiser Blvd. Anaheim, CA 92808

www.lightlaboratory.com

Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L052510792.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L052510792

[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)

[ISSUE DATE] 6/4/2025

[MANUFAC] Vista Professional Outdoor Lighting

[LUMCAT] 1142-WG-RGBW-(W)

[LUMINAIRE] 1142 Wall Grazer White Output

[BALLASTCAT] ELDOLED PW50U-M4Z0X1

[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.

[MORE] Base file 80239581-44

[INPUT] 120VAC

[TEST PROCEDURE] IESNA:LM-79-19

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

NEMA Type	7 H x 4 V
Maximum Candela	4248
Maximum Candela Angle	-3H 7V
Horizontal Beam Angle (50%)	101.1
Vertical Beam Angle (50%)	20.6
Horizontal Field Angle (10%)	137.2
Vertical Field Angle (10%)	56.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1282
Beam Efficiency	N.A.
Field Lumens	2891
Field Efficiency	N.A.
Spill Lumens	197
Luminaire Lumens	3088
Total Efficiency	N.A.
Total Luminaire Watts	36.99
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	4	85	0
75	68	75	6
65	530	65	21
55	1191	55	41
47.5	1575	47.5	60
42.5	1795	42.5	76
37.5	1992	37.5	108
33	2161	33	177
29	2288	29	871
25.5	2384	25.5	1349
22.5	2462	22.5	1518
19.5	2537	19.5	1814
17	2591	17	2145
15	2624	15	2476
13	2653	13	2846
11	2676	11	3312
9	2696	9	3831
7	2713	7	4200
5	2725	5	4049
3	2731	3	3495
1	2725	1	2974
0	2720	0	2720
-1	2725	-1	2523
-3	2731	-3	2170
-5	2725	-5	1942
-7	2713	-7	1792
-9	2696	-9	1676
-11	2676	-11	1584
-13	2653	-13	1507
-15	2624	-15	1445
-17	2591	-17	1406
-19.5	2537	-19.5	1331
-22.5	2462	-22.5	902
-25.5	2384	-25.5	246
-29	2288	-29	117
-33	2161	-33	99
-37.5	1992	-37.5	87
-42.5	1795	-42.5	71
-47.5	1575	-47.5	50
-55	1191	-55	25
-65	530	-65	13
-75	68	-75	4
-85	4	-85	0
-90	0	-90	0

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CANDELA TABULATION

Maximum Candela = 4248

Beam Edge = 2124 Cd (50% of Max.)

Field Edge = 424.8 Cd (10% of Max.)

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>-90.0</u>	<u>-85.0</u>	<u>-75.0</u>	<u>-65.0</u>	<u>-55.0</u>	<u>-47.5</u>	<u>-42.5</u>	<u>-37.5</u>	<u>-33.0</u>	<u>-29.0</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	0	0	1	2	2	3	3	3	4	5
65.0	0	0	2	4	8	11	12	14	16	17
55.0	0	0	4	10	17	23	27	31	33	35
47.5	0	1	7	17	27	36	41	47	50	52
42.5	0	1	9	24	38	48	54	60	64	67
37.5	0	2	15	39	75	76	80	86	90	94
33.0	0	2	22	94	199	226	192	176	156	177
29.0	0	2	32	172	412	526 *	599 *	654 *	725 *	788 *
25.5	0	3	41	246	598 *	802 *	941 *	1034 *	1103 *	1158 *
22.5	0	3	48	307	741 *	977 *	1097 *	1193 *	1270 *	1324 *
19.5	0	3	56	388	859 *	1128 *	1255 *	1395 *	1497 *	1560 *
17.0	0	3	59	462 *	969 *	1269 *	1457 *	1607 *	1733 *	1826 *
15.0	0	3	61	524 *	1062 *	1472 *	1632 *	1821 *	1967 *	2067 *
13.0	0	3	63	588 *	1240 *	1685 *	1891 *	2075 *	2244 *	2370 *
11.0	0	4	64	654 *	1440 *	1897 *	2210 *	2398 *	2607 *	2732 *
9.0	0	4	65	647 *	1641 *	2130 *	2507 *	2798 *	2982 *	3201 *
7.0	0	4	66	628 *	1808 *	2342 *	2625 *	3016 *	3330 *	3460 *
5.0	0	4	68	604 *	1641 *	2419 *	2721 *	2932 *	3198 *	3444 *
3.0	0	4	68	580 *	1470 *	2092 *	2417 *	2680 *	2895 *	3037 *
1.0	0	4	68	547 *	1284 *	1747 *	2003 *	2223 *	2406 *	2542 *
0.0	0	4	68	530 *	1191 *	1575 *	1795 *	1992 *	2161 *	2288 *
-1.0	0	4	66	513 *	1142 *	1500 *	1701 *	1881 *	2033 *	2147 *
-3.0	0	4	62	478 *	1043 *	1349 *	1514 *	1655 *	1775 *	1876 *
-5.0	0	4	59	438 *	937 *	1190 *	1341 *	1496 *	1621 *	1703 *
-7.0	0	4	54	399	833 *	1108 *	1260 *	1387 *	1491 *	1570 *
-9.0	0	4	50	360	795 *	1049 *	1178 *	1301 *	1398 *	1460 *
-11.0	0	3	45	323	763 *	989 *	1118 *	1228 *	1317 *	1375 *
-13.0	0	3	41	302	730 *	949 *	1062 *	1167 *	1249 *	1305 *
-15.0	0	3	37	278	693 *	909 *	1015 *	1116 *	1197 *	1242 *
-17.0	0	3	32	252	637 *	869 *	979 *	1069 *	1157 *	1208 *
-19.5	0	3	27	214	550 *	739 *	925 *	995 *	1067 *	1133 *
-22.5	0	3	23	161	415	502 *	574 *	691 *	749 *	767 *
-25.5	0	2	19	105	238	243	198	244	274	270
-29.0	0	2	15	63	99	101	93	99	99	104
-33.0	0	2	11	33	48	63	71	78	83	87
-37.5	0	1	8	22	40	54	61	68	72	76
-42.5	0	1	6	17	33	43	50	54	59	61
-47.5	0	1	4	12	22	29	34	38	41	43
-55.0	0	0	2	6	11	15	17	19	21	22
-65.0	0	0	1	3	5	6	8	10	11	11
-75.0	0	0	0	1	1	1	2	2	3	3
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	5	6	6	6	6	6	6	6	6	6
65.0	18	18	19	19	19	20	20	20	21	21
55.0	36	37	38	38	39	40	40	40	40	41
47.5	54	55	56	57	58	59	59	59	60	60
42.5	70	71	72	73	74	75	75	75	76	77
37.5	97	100	101	104	104	105	106	107	107	108
33.0	196	203	174	193	191	174	188	196	193	187
29.0	801 *	811 *	821 *	862 *	885 *	854 *	899 *	935 *	900 *	879 *
25.5	1194 *	1229 *	1277 *	1294 *	1314 *	1318 *	1334 *	1345 *	1346 *	1347 *
22.5	1366 *	1405 *	1442 *	1466 *	1474 *	1492 *	1500 *	1513 *	1519 *	1522 *
19.5	1607 *	1659 *	1705 *	1738 *	1753 *	1765 *	1775 *	1797 *	1800 *	1800 *
17.0	1888 *	1943 *	2011 *	2048 *	2066 *	2091 *	2105 *	2122 *	2133 *	2134 *
15.0	2153 *	2222 *	2297 *	2348 *	2373 *	2398 *	2421 *	2432 *	2455 *	2463 *
13.0	2451 *	2542 *	2627 *	2682 *	2709 *	2743 *	2770 *	2792 *	2813 *	2837 *
11.0	2840 *	2922 *	3029 *	3090 *	3129 *	3173 *	3199 *	3230 *	3256 *	3281 *
9.0	3291 *	3414 *	3520 *	3604 *	3657 *	3692 *	3726 *	3764 *	3786 *	3831 *
7.0	3663 *	3773 *	3906 *	3987 *	4058 *	4108 *	4138 *	4144 *	4231 *	4153 *
5.0	3602 *	3686 *	3834 *	3905 *	3940 *	3981 *	4011 *	4028 *	4026 *	4043 *
3.0	3153 *	3258 *	3361 *	3435 *	3471 *	3500 *	3528 *	3539 *	3542 *	3536 *
1.0	2644 *	2729 *	2811 *	2876 *	2913 *	2942 *	2968 *	2988 *	3002 *	3007 *
0.0	2384 *	2462 *	2537 *	2591 *	2624 *	2653 *	2676 *	2696 *	2713 *	2725 *
-1.0	2231 *	2299 *	2366 *	2417 *	2447 *	2474 *	2498 *	2515 *	2529 *	2543 *
-3.0	1953 *	2014 *	2070 *	2108 *	2134 *	2156 *	2164 *	2172 *	2175 *	2181 *
-5.0	1752 *	1810 *	1857 *	1889 *	1910 *	1921 *	1935 *	1940 *	1948 *	1949 *
-7.0	1617 *	1662 *	1703 *	1733 *	1752 *	1764 *	1776 *	1785 *	1786 *	1790 *
-9.0	1509 *	1547 *	1584 *	1615 *	1630 *	1644 *	1654 *	1662 *	1665 *	1671 *
-11.0	1418 *	1456 *	1493 *	1523 *	1540 *	1553 *	1564 *	1566 *	1577 *	1577 *
-13.0	1346 *	1387 *	1423 *	1451 *	1467 *	1481 *	1489 *	1496 *	1504 *	1507 *
-15.0	1290 *	1327 *	1363 *	1388 *	1408 *	1416 *	1429 *	1434 *	1441 *	1447 *
-17.0	1246 *	1283 *	1321 *	1350 *	1364 *	1374 *	1385 *	1395 *	1396 *	1399 *
-19.5	1187 *	1221 *	1256 *	1268 *	1292 *	1299 *	1327 *	1312 *	1321 *	1337 *
-22.5	787 *	811 *	840 *	873 *	855 *	882 *	896 *	860 *	886 *	915 *
-25.5	261	259	260	239	274	271	232	266	279	269
-29.0	107	111	114	113	116	116	116	117	119	118
-33.0	90	92	94	95	95	96	97	98	98	99
-37.5	78	81	83	84	85	86	86	86	87	88
-42.5	64	66	67	69	69	69	69	70	71	71
-47.5	45	46	47	47	48	48	48	49	49	49
-55.0	23	24	24	24	24	25	25	25	25	25
-65.0	12	12	12	12	12	12	13	13	13	13
-75.0	3	4	4	4	4	4	4	4	4	4
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	6	6	6	6	6	6	6	6	6	6
65.0	21	21	21	21	21	21	21	20	20	20

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CANDELA TABULATION - (Cont.)

55.0	41	41	41	41	41	41	40	40	40	40
47.5	60	60	60	60	60	60	60	59	59	59
42.5	77	76	76	76	77	77	76	75	75	75
37.5	108	108	108	108	108	108	107	107	106	105
33.0	183	180	177	180	183	187	193	196	188	174
29.0	882 *	879 *	871 *	879 *	882 *	879 *	900 *	935 *	899 *	854 *
25.5	1349 *	1350 *	1349 *	1350 *	1349 *	1347 *	1346 *	1345 *	1334 *	1318 *
22.5	1521 *	1522 *	1518 *	1522 *	1521 *	1522 *	1519 *	1513 *	1500 *	1492 *
19.5	1805 *	1812 *	1814 *	1812 *	1805 *	1800 *	1800 *	1797 *	1775 *	1765 *
17.0	2138 *	2145 *	2145 *	2145 *	2138 *	2134 *	2133 *	2122 *	2105 *	2091 *
15.0	2472 *	2478 *	2476 *	2478 *	2472 *	2463 *	2455 *	2432 *	2421 *	2398 *
13.0	2844 *	2839 *	2846 *	2839 *	2844 *	2837 *	2813 *	2792 *	2770 *	2743 *
11.0	3296 *	3315 *	3312 *	3315 *	3296 *	3281 *	3256 *	3230 *	3199 *	3173 *
9.0	3811 *	3820 *	3831 *	3820 *	3811 *	3831 *	3786 *	3764 *	3726 *	3692 *
7.0	4248 *	4176 *	4200 *	4176 *	4248 *	4153 *	4231 *	4144 *	4138 *	4108 *
5.0	4012 *	4010 *	4049 *	4010 *	4012 *	4043 *	4026 *	4028 *	4011 *	3981 *
3.0	3512 *	3495 *	3495 *	3495 *	3512 *	3536 *	3542 *	3539 *	3528 *	3500 *
1.0	3004 *	2969 *	2974 *	2969 *	3004 *	3007 *	3002 *	2988 *	2968 *	2942 *
0.0	2731 *	2725 *	2720 *	2725 *	2731 *	2725 *	2713 *	2696 *	2676 *	2653 *
-1.0	2534 *	2517 *	2523 *	2517 *	2534 *	2543 *	2529 *	2515 *	2498 *	2474 *
-3.0	2179 *	2177 *	2170 *	2177 *	2179 *	2181 *	2175 *	2172 *	2164 *	2156 *
-5.0	1953 *	1947 *	1942 *	1947 *	1953 *	1949 *	1948 *	1940 *	1935 *	1921 *
-7.0	1788 *	1791 *	1792 *	1791 *	1788 *	1790 *	1786 *	1785 *	1776 *	1764 *
-9.0	1675 *	1676 *	1676 *	1676 *	1675 *	1671 *	1665 *	1662 *	1654 *	1644 *
-11.0	1582 *	1583 *	1584 *	1583 *	1582 *	1577 *	1577 *	1566 *	1564 *	1553 *
-13.0	1507 *	1508 *	1507 *	1508 *	1507 *	1507 *	1504 *	1496 *	1489 *	1481 *
-15.0	1446 *	1447 *	1445 *	1447 *	1446 *	1447 *	1441 *	1434 *	1429 *	1416 *
-17.0	1404 *	1405 *	1406 *	1405 *	1404 *	1399 *	1396 *	1395 *	1385 *	1374 *
-19.5	1338 *	1332 *	1331 *	1332 *	1338 *	1337 *	1321 *	1312 *	1327 *	1299 *
-22.5	931 *	927 *	902 *	927 *	931 *	915 *	886 *	860 *	896 *	882 *
-25.5	255	249	246	249	255	269	279	266	232	271
-29.0	118	117	117	117	118	118	119	117	116	116
-33.0	99	99	99	99	99	99	98	98	97	96
-37.5	88	87	87	87	88	88	87	86	86	86
-42.5	72	71	71	71	72	71	71	70	69	69
-47.5	50	50	50	50	50	49	49	49	48	48
-55.0	25	25	25	25	25	25	25	25	25	25
-65.0	13	13	13	13	13	13	13	13	13	12
-75.0	4	4	4	4	4	4	4	4	4	4
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

Vert. Horizontal Angles
Angles

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	6	6	6	6	5	5	4	3	3	3
65.0	19	19	19	18	18	17	16	14	12	11
55.0	39	38	38	37	36	35	33	31	27	23
47.5	58	57	56	55	54	52	50	47	41	36
42.5	74	73	72	71	70	67	64	60	54	48
37.5	104	104	101	100	97	94	90	86	80	76
33.0	191	193	174	203	196	177	156	176	192	226
29.0	885 *	862 *	821 *	811 *	801 *	788 *	725 *	654 *	599 *	526 *
25.5	1314 *	1294 *	1277 *	1229 *	1194 *	1158 *	1103 *	1034 *	941 *	802 *

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CANDELA TABULATION - (Cont.)

22.5	1474 *	1466 *	1442 *	1405 *	1366 *	1324 *	1270 *	1193 *	1097 *	977 *
19.5	1753 *	1738 *	1705 *	1659 *	1607 *	1560 *	1497 *	1395 *	1255 *	1128 *
17.0	2066 *	2048 *	2011 *	1943 *	1888 *	1826 *	1733 *	1607 *	1457 *	1269 *
15.0	2373 *	2348 *	2297 *	2222 *	2153 *	2067 *	1967 *	1821 *	1632 *	1472 *
13.0	2709 *	2682 *	2627 *	2542 *	2451 *	2370 *	2244 *	2075 *	1891 *	1685 *
11.0	3129 *	3090 *	3029 *	2922 *	2840 *	2732 *	2607 *	2398 *	2210 *	1897 *
9.0	3657 *	3604 *	3520 *	3414 *	3291 *	3201 *	2982 *	2798 *	2507 *	2130 *
7.0	4058 *	3987 *	3906 *	3773 *	3663 *	3460 *	3330 *	3016 *	2625 *	2342 *
5.0	3940 *	3905 *	3834 *	3686 *	3602 *	3444 *	3198 *	2932 *	2721 *	2419 *
3.0	3471 *	3435 *	3361 *	3258 *	3153 *	3037 *	2895 *	2680 *	2417 *	2092 *
1.0	2913 *	2876 *	2811 *	2729 *	2644 *	2542 *	2406 *	2223 *	2003 *	1747 *
0.0	2624 *	2591 *	2537 *	2462 *	2384 *	2288 *	2161 *	1992 *	1795 *	1575 *
-1.0	2447 *	2417 *	2366 *	2299 *	2231 *	2147 *	2033 *	1881 *	1701 *	1500 *
-3.0	2134 *	2108 *	2070 *	2014 *	1953 *	1876 *	1775 *	1655 *	1514 *	1349 *
-5.0	1910 *	1889 *	1857 *	1810 *	1752 *	1703 *	1621 *	1496 *	1341 *	1190 *
-7.0	1752 *	1733 *	1703 *	1662 *	1617 *	1570 *	1491 *	1387 *	1260 *	1108 *
-9.0	1630 *	1615 *	1584 *	1547 *	1509 *	1460 *	1398 *	1301 *	1178 *	1049 *
-11.0	1540 *	1523 *	1493 *	1456 *	1418 *	1375 *	1317 *	1228 *	1118 *	989 *
-13.0	1467 *	1451 *	1423 *	1387 *	1346 *	1305 *	1249 *	1167 *	1062 *	949 *
-15.0	1408 *	1388 *	1363 *	1327 *	1290 *	1242 *	1197 *	1116 *	1015 *	909 *
-17.0	1364 *	1350 *	1321 *	1283 *	1246 *	1208 *	1157 *	1069 *	979 *	869 *
-19.5	1292 *	1268 *	1256 *	1221 *	1187 *	1133 *	1067 *	995 *	925 *	739 *
-22.5	855 *	873 *	840 *	811 *	787 *	767 *	749 *	691 *	574 *	502 *
-25.5	274	239	260	259	261	270	274	244	198	243
-29.0	116	113	114	111	107	104	99	99	93	101
-33.0	95	95	94	92	90	87	83	78	71	63
-37.5	85	84	83	81	78	76	72	68	61	54
-42.5	69	69	67	66	64	61	59	54	50	43
-47.5	48	47	47	46	45	43	41	38	34	29
-55.0	24	24	24	24	23	22	21	19	17	15
-65.0	12	12	12	12	12	11	11	10	8	6
-75.0	4	4	4	4	3	3	3	2	2	1
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

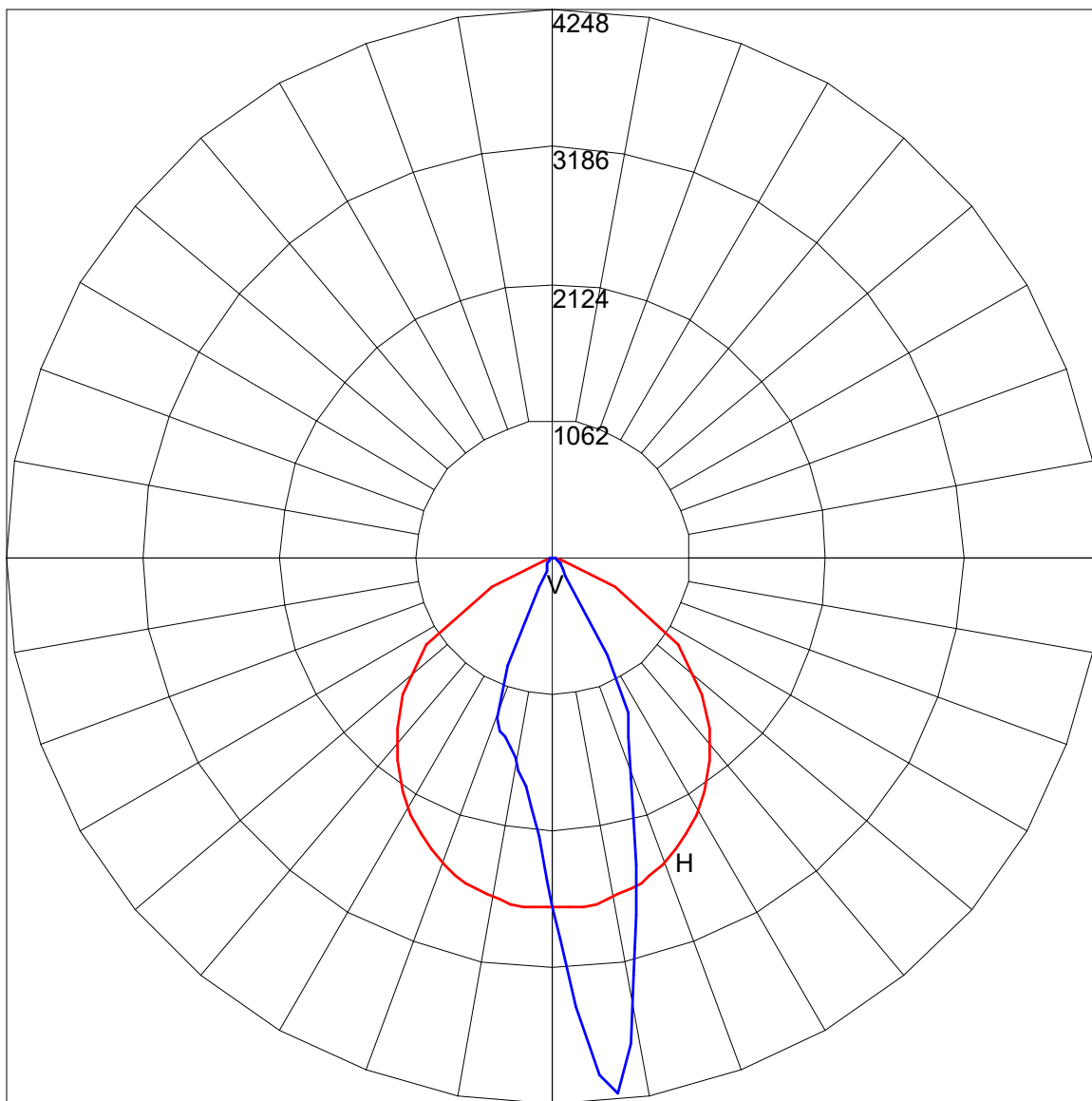
Vert. Angles	Horizontal Angles				
	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0	0	0	0	0
85.0	0	0	0	0	0
75.0	2	2	1	0	0
65.0	8	4	2	0	0
55.0	17	10	4	0	0
47.5	27	17	7	1	0
42.5	38	24	9	1	0
37.5	75	39	15	2	0
33.0	199	94	22	2	0
29.0	412	172	32	2	0
25.5	598 *	246	41	3	0
22.5	741 *	307	48	3	0
19.5	859 *	388	56	3	0
17.0	969 *	462 *	59	3	0
15.0	1062 *	524 *	61	3	0
13.0	1240 *	588 *	63	3	0
11.0	1440 *	654 *	64	4	0
9.0	1641 *	647 *	65	4	0

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L052510792.IES

CANDELA TABULATION - (Cont.)

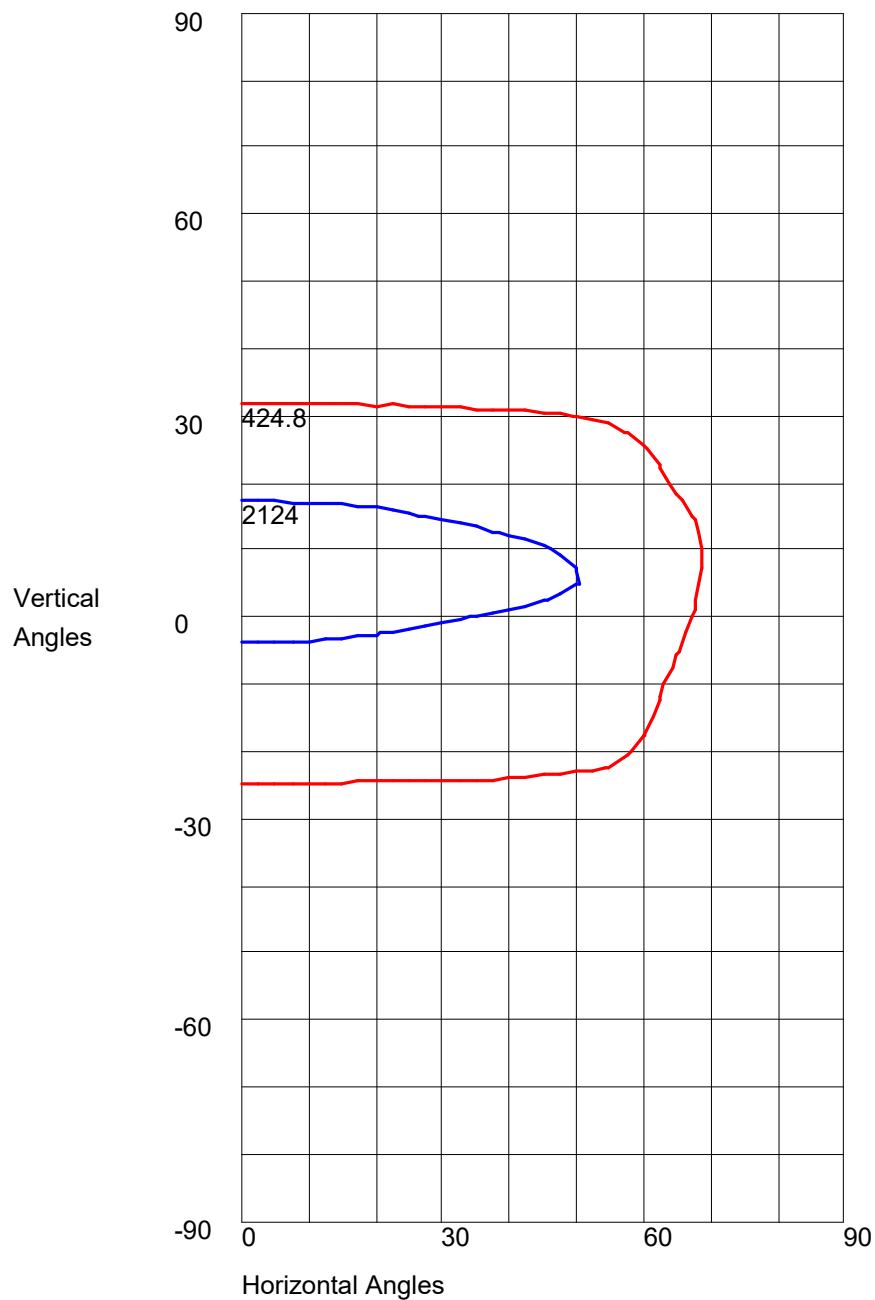
7.0	1808 *	628 *	66	4	0
5.0	1641 *	604 *	68	4	0
3.0	1470 *	580 *	68	4	0
1.0	1284 *	547 *	68	4	0
0.0	1191 *	530 *	68	4	0
-1.0	1142 *	513 *	66	4	0
-3.0	1043 *	478 *	62	4	0
-5.0	937 *	438 *	59	4	0
-7.0	833 *	399	54	4	0
-9.0	795 *	360	50	4	0
-11.0	763 *	323	45	3	0
-13.0	730 *	302	41	3	0
-15.0	693 *	278	37	3	0
-17.0	637 *	252	32	3	0
-19.5	550 *	214	27	3	0
-22.5	415	161	23	3	0
-25.5	238	105	19	2	0
-29.0	99	63	15	2	0
-33.0	48	33	11	2	0
-37.5	40	22	8	1	0
-42.5	33	17	6	1	0
-47.5	22	12	4	1	0
-55.0	11	6	2	0	0
-65.0	5	3	1	0	0
-75.0	1	1	0	0	0
-85.0	0	0	0	0	0
-90.0	0	0	0	0	0

AXIAL CANDELA DISPLAY



Maximum Candela = 4248 Located At Horizontal Angle = -3, Vertical Angle = 7
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 4248 Located At Horizontal Angle = -3, Vertical Angle = 7
50% Maximum Candela = 2124
10% Maximum Candela = 424.8